MARITIME PROVINCES EDUCATION FOUNDATION

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MARITIME ENERGY EDUCATION
BIBLIOGRAPHY

BIBLIOGRAPHIE SUR LES PROGRAMMES
D'ÉDUCATION SUR L'ÉNERGIE
DANS LES MARITIMES

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FONDATION D'EDUCATION DES PROVINCES MARITIMES

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BIBLIOGRAPHIE SUR LES PROGRAMMES D'ÉDUCATION SUR L'ÉNERGIE DANS LES MARITIMES

The Maritime Provinces Education Foundation has been established by the Departments of Education to provide the framework to facilitate the development of a number of regional projects in education. It is currently funded by the Departments and the Council of Maritime Premiers.

La Fondation d'éducation des provinces maritimes a été créée par les ministères de l'Éducation afin d'encadrer et de faciliter la mise en place d'un certain nombre de programmes régionaux dans le domaine de l'éducation. Actuellement, la Fondation est subventionnée par les ministères et le Conseil des premiers ministres des Maritimes.

November 1982

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FOREWORD

In December of 1980 the Departments of Education of New Brunswick, Nova Scotia and Prince Edward Island, in cooperation with the Council of Maritime Premiers, agreed to explore the subject of energy education with a view to ensuring that teachers and students within the Maritimes would have access to relevant energy data on the three provinces. To facilitate this exercise, an Energy Education Task Force was established in January 1981. The task force, composed of representatives from the Departments of Education, provincial departments responsible for energy, and the provincial utilities, was to perform a number of activities:

(1) identify existing resource materials for energy education within the region;

(2) assess region-wide the adequacy of existing curricula and materials available to the schools;

(3) identify and assess resources outside the region which could enhance existing programs;

(4) determine areas where additional programs are required;

(5) design a model to provide for the production, distribution, in-servicing, evaluation, and modification of new regional materials recognizing the multiplicity of potential participants;

(6) identify other provincial Departments of Education policies on energy education and provide alternative policy recommendations for consideration by the Deputies.

As a result of their work, the Departments of Education and the Council of Maritime Premiers agreed to develop energy resources with a Maritime orientation:

-- Bibliography - Soft-covered booklet identifying energy resources, both print and audio-visual, on Maritime topics. Applicable for grades 1 to 12. To be available in November 1982.

-- Science Kit - A multi-media kit for grades 7 to 9 intended to lay the foundation for understanding ideas about energy quality, and to establish vocabulary, concepts and principles for discussing society's energy situation. Final production to be available in 1983.

-- Careers in Energy - Filmstrip cassette for junior high school to be available in 1983, describing careers in the Maritimes in the energy field.

-- Field Trip Guide of Maritime Energy Sites - Soft-covered booklet for teachers of grades 7 to 12, identifying energy sites for school visits in the Maritimes.

-- Maritime Energy Education Symposium - Professional development symposium for teachers within the Maritimes, to be held November 1982, with the following objectives:

- Share energy education initiatives with special reference to those which have been or are being developed in the Maritime provinces.

- Familiarize teachers with supplementary energy education resources (print and non-print) and to provide guidelines for the evaluation and use of such materials.

- Provide a forum for the discussion of problems and issues relevant to energy education in the 1980s.

To ensure that the invaluable role played by those departments and agencies responsible for energy be maintained, the Departments of Education established the Maritime Energy Education Coordinating Committee (MEECC) to implement the projects identified with representation from the following departments:

NEW BRUNSWICK
Mrs. Marion Cosman, Elementary Consultant, Department of Education
Mr. Maurice Robichaud, Director Communications, Energy Secretariat
Mr. Gary Stairs, Communications Advisor, Public Affairs, New Brunswick Electric Power Commission (representing the three Maritime electric utilities)

NOVA SCOTIA
Mr. Truman Layton, Science Consultant, Department of Education
Ms. Mary Smith, Energy Officer, Department of Mines & Energy

PRINCE EDWARD ISLAND
Mr. Don Norman, Science & Agriculture Consultant, Department of Education
Mrs. Laura Mair, Coordinator of Energy Conservation, Department of Energy and Forestry

COUNCIL OF MARITIME PREMIERS SECRETARIAT
Ms. Wendy Paquette, Assistant Secretary, Chairman of MEECC

In response to their mandate, MEECC is pleased to present the Maritime Energy Education Bibliography.

AVANT-PROPOS

En Decembre 1980, les ministères de l'Éducation du Nouveau-Brunswick, de la Nouvelle-Écosse et de l'Île-du-Prince-Édouard, de concert avec le Conseil des premiers ministres des Maritimes, décidaient d'explorer le sujet de l'enseignement et l'énergie en vue d'assurer aux enseignants et aux étudiants des provinces maritimes l'accès à des renseignements pertinents sur l'énergie concernant les trois provinces. Afin de faciliter la réalisation de cette tâche, une équipe de travail sur l'enseignement et l'énergie était créée en janvier 1981. Cette équipe, composée de représentants des ministères de l'Éducation, des ministères provinciaux chargés des questions énergétiques et des entreprises de services publics des trois provinces, devait réaliser un certain nombre de travaux:

(1) identifier le matériel existant pouvant servir de ressource pour l'enseignement de programmes sur l'énergie dans la région;

(2) évaluer dans toute la région la validité des programmes d'études existants et du matériel disponible dans les écoles;

(3) identifier et évaluer les ressources venant d'autres régions qui pourraient enrichir les programmes existants;

(4) déterminer les besoins en ce qui concerne l'élaboration de programmes additionels;

(5) concevoir un système permettant la production, la distribution, l'évaluation en cours de route et la modification du nouveau matériel régional qui puisse tenir compte de la multiplicité des participants potentiels;

(6) identifier d'autres politiques provinciales des ministères de l'Éducation portant sur l'enseignement et l'énergie et faire la recommandation d'autres politiques aux sous-ministres.

À la suite de ces travaux, les ministères de l'Éducation et le Conseil des premiers ministres des Maritimes ont décidé de créer de nouvelles ressources sur les questions énergétiques qui soient orientées sur les Maritimes:

-- Une bibliographie - sous forme de brochure identifiant les ressources sur l'énergie, que ce soit du matériel imprimé ou audio-visuel, portant sur des sujets relatifs aux Maritimes. Applicable aux niveaux 1 à 12. Disponible en novembre 1982.

-- Une trousse scientifique - il s'agit de matériel audio-visuel pour les 7^{e} à 9^{e} années visant à faire comprendre certaines idées

de base au sujet de la qualité essentielle de l'énergie et à faire connaître le vocabulaire, les concepts et les principes nécessaires pour discuter de la situation énergétique actuelle de notre société. L'ensemble de la trousse sera disponible en 1983.

-- Carrières dans le domaine énergétique - film fixe avec cassette pour le premier cycle du secondaire qui sera disponible en 1983; il décrira les carrières ouvertes dans les Maritimes dans le domaine énergétique.

-- Guide d'endroits à visiter dans les Maritimes en ce qui concerne l'énergie - sous forme de brochure à l'intention des enseignants de 7e à 12e année, dans laquelle sont identifiés les endroits que les élèves peuvent visiter dans les Maritimes en rapport avec l'énergie.

-- Symposium sur l'enseignement et l'énergie des Maritimes - Symposium favorisant la formation professionnelle des enseignants des Maritimes qui se tiendra en novembre 1982. Les objectifs du symposium sont les suivants:

- partager des initiatives en matière de programmes d'éducation sur l'énergie en mettant l'accent sur les programmes qui ont été élaborés ou qui sont en voie d'élaboration dans les provinces maritimes;

- faire connaître aux enseignants d'autres ressources relatives aux programmes d'éducation sur l'énergie (sous forme imprimée ou non) et leur offrir des directives pour l'évaluation et l'utilisation de ce genre de matériel;

- offrir un lieu de rencontre pour la discussion des problèmes et des questions relatives à l'enseignement et l'énergie dans les années 1980.

Voulant s'assurer que les ministères et organismes chargés des questions énergétiques continuent à jouer un rôle qu'on peut qualifier d'inestimable, les ministères de l'Éducation ont créé un organisme, le Comité coordinateur de l'enseignement et l'énergie des Maritimes (CCEEM), qui s'occupera de la réalisation de ces projets. Voici les membres de ce comité:

NOUVEAU-BRUNSWICK

Mme Marion Cosman, conseillère à l'élémentaire, ministère de l'Éducation

M. Maurice Robichaud, directeur des communications, Secrétariat à l'énergie

M. Gary Stairs, conseiller en communications aux Affaires publiques, Commission d'énergie électrique du Nouveau-Brunswick (représentant les services d'électricité des trois provinces des Maritimes)

NOUVELLE-ÉCOSSE

M. Truman Layton, conseiller en science, ministère de l'Éducation

Mad. Mary Smith, agent chargé de l'énergie, ministère des Mines et de l'Énergie

ÎLE-DU-PRINCE-ÉDOUARD

M. Don Norman, conseiller en science et agriculture, ministère de l'Éducation

Mme Laura Mair, coordinatrice des économies d'énergie, ministère de l'Énergie et de la Foresterie.

SECRÉTARIAT DU CONSEIL DES PREMIERS MINISTRES DES MARITIMES

Mad. Wendy Paquette, secrétaire adjointe, présidente du CCEEM

Par suite du mandat qui lui a été confié, le CCEEM est heureux de présenter la bibliographie sur l'enseignement et l'énergie dans les Maritimes.

PURPOSE AND SCOPE OF THE BIBLIOGRAPHY

This project was conceived to provide teachers in Maritime schools with information on materials which could be used to augment lessons on energy topics.

The resources listed here are broken down into three categories - audio-visual, print matter and resource people. Within each of the audio-visual and print categories, there are a number of subject headings, such as wood, nuclear or conservation. The language used to describe the resource indicates the language in which the resource is available.

With each listing, information is given on producer, date, length, subject matter and, where possible, suitable grade level. Some evaluations were provided by the producer or distributor, and some were reached by previewing material for this project. Teachers may wish to use their own discretion as some grade six classes are advanced enough to use material rated for junior high while some grade ten students may not be ready for all of the material rated for senior high.

This is not the absolute total of all energy resource materials, and teachers may find others, particularly local speakers, not mentioned here. This listing was achieved after contacting government departments and related agencies; companies, foundations and educational institutions which could be expected to have energy-related materials; and community organizations and individuals who have been involved in the energy field.

BUT ET PORTÉE DE LA BIBLIOGRAPHIE

Ce projet a été réalisé en vue de fournir aux enseignants des Maritimes des renseignements sur le matériel qui pourrait être utilisé pour étoffer des cours portant sur les questions énergétiques.

Les ressources qui figurent sur la liste ont été divisées en trois catégories: le matériel audio-visuel, le matériel sous forme imprimée et les personnes ressources. Dans les deux premières catégories, on a regroupé le matériel sous quelques grandes rubriques, notamment le bois, le nucléaire et les économies d'énergie. La langue utilisée dans la description des diverses ressources indique la langue dans laquelle la ressource est disponible.

Chaque entrée est accompagnée des renseignements suivants: celui qui a produit le matériel, la date, la longueur, le sujet et, lorsque c'est possible, le niveau scolaire auquel la documentation s'adresse. Certaines évaluations proviennent de ceux qui ont produit ou distribué le matériel, tandis que d'autres sont le résultat du visionnement du matériel dans le cadre du projet. Les enseignants peuvent vouloir faire appel à leur propre jugement pour décider si enseignants peuvent vouloir faire appel à leur propre jugement pour décider si certaines classes de 6^{e} année sont suffisamment avancées pour utiliser le matériel destiné au premier cycle du secondaire, tandis que certains élèves de 10^{e} année ne seront peut-être pas prêts à utiliser tout le matériel destiné au deuxième cycle.

Nous n'avons pas réuni une liste finale et exclusive de tout le matériel ressource sur l'énergie, et les enseignants pourrant trouver d'autre matériel non mentionné ici, particulièrement en ce qui concerne les conférenciers locaux. Cette liste a été réalisée après avoir contacté les divers ministères concernés ainsi que les organismes, compagnies, fondations et établissements d'enseignement susceptibles de posséder du matériel relié à l'énergie, de même que les organisations communautaires et les personnes qui s'intéressent au domaine de l'énergie.

ACKNOWLEDGEMENTS

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EDITING: Maritime Energy Education Coordinating Committee (MEECC)

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RÉDACTION ET PUBLICATION: Conseil coordinateur de l'enseignement et l'énergie des Maritimes (CCEEM)

Le CCEEM désire remercier tout particulièrement Mme Marie Pyne et Mme Hannah Stewart, du Conseil des premiers ministres des Maritimes, pour leur patience et leur aide inestimable.

M I S C E L L A N E O U S / D I V E R S

BATE'S CAR SWEET AS A NUT. NFB, 1974. NFB, 16 mm. film, 15 min., j-s, loan or purchase.
Shows an inventor who runs his car on methane from manure.

BILL LOOSELY'S HEAT PUMP. NFB, 1975. NFB, 16 mm. film, 9:52 mins., j-s, loan or purchase.
An intriguing film for anyone bedeviled by the high cost of home heating. A thermal engineer, Bill Loosely, collects his warmth from the ground outside his house in Burlington, Ontario and pumps it inside. The principle--using copper tubing and freon gas--is clearly explained with animated diagrams and by Loosely himself. It is so simple that you may wonder why you didn't think of it yourself.

CHRIS HAWES' ENGINES. CBC, 1980. N.S. Film Library, video-cassette, 60 min., j-s. Teachers in N.B. and P.E.I. may also obtain copies through their Film Libraries.
Grand Pré resident collects turn-of-the-century machinery which originally powered boats, farm and construction engines.

ENERGETICALLY YOURS. Imperial Oil Ltd., 1959. NFB, 16 mm. film, 14 min., j, loan or purchase.
Animation concerning the history of man's use of energy sources, such as, animals, fire and combustible fuels.

LES ÉNERGIES DOUCES. ONF, 1980. ONF, film 16 mm, 25 min, prêt ou achat.
Les sources d'énergie douce telles le bois, la tourbe, la paille, le vent et les marées, sans oublier le soleil, ne constituent qu'un palliatif pour remplacer les énergies conventionnelles. Où en sont les recherches à travers le monde? Pour le consommateur, la conservation de l'énergie équivaut-elle à la privation?

ENERGY. Encyc. Britannica Films, 1970. N.S. Film Library, 16 mm. film, 10 min., e, loan to N.S. teachers only.
Shown are the many forms of energy. Heat, light, electricity, and chemical energy are forms of energy. Shown is how energy can be changed from one form to another.

ENERGY: ABILITY TO DO WORK. Charles Cahill & Associates, 1968. N.S. Film Library, 16 mm. film, 10 min., e, loan to N.S. teachers only.
Concepts covered include these forms of energy - potential, kinetic, sunlight, chemical, human plant, mechanical, gravitational, electrical and heat.

ENERGY AND ITS FORMS. Coronet Films, 1961. N.S. Film Library, 16 mm. film, 10 min., j, loan to N.S. teachers only.
Explains the basic concept of energy and shows examples of its principal forms, including nuclear energy.

ENERGY AND MATTER/L'ÉNERGIE ET SON HISTOIRE. NFB, 1966. NFB, 16 mm. film, 8 min., j-s, loan or purchase.
Looks at energy, what it is and some familiar forms - light, heat, motion, and shows its origin in the sun.

Film d'animation sur l'énergie et les formes qu'elle revêt, destiné aux jeunes enfants des écoles. Les images, toujours très simples, sont coordonnées de façon à rendre facilement intelligible un sujet aussi abstrait. Ce documentaire a été réalisé avec le concours de conseillers scientifiques. (Prix: Cork, Londres et Beyrouth.)

FUELS: THEIR NATURE AND USE. Encyc. Britannica Films, 1958. N.S. Film Library, 16 mm. film, 10 min., j-s, loan to N.S. teachers only.
The film investigates the principal kinds of fuels used in homes and industry; traces the source of most conventional fuels to the sun; and explains the history of fuels.

GÉOGRAPHIE DE L'ÉNERGIE. Radio-Canada, 1979. ONF, film 16 mm, 25 min., prêt ou achat.
Quelles sont les sortes d'énergie dont nous disposons? Où sont-elles réparties et situées au Canada et dans le monde? Le film établit la corrélation entre reliefs et hydro-électricité, bassins sédimentaires et hydrocarbures, uranium et technologie de pointe. Viennent ensuite des exemples de prospection et d'exploitation au Québec, en Alberta et dans la Mer du Nord.

THE GREAT SEARCH. N.B. Electric Power Commission, 16 mm. film, 15 min., e-j-s, loan by reservation.
Deals with man's search for more and better sources of power. Traces the development of animal, wind, falling water, coal and nuclear power.

THE GREEKS HAD A WORD. N.B. Electric Power Commission, 16 mm. film, 20 min., j-s, loan by reservation.
Highlights, using models, the development of the steam engine, including a demonstration of Faraday's experiment with a magnet and coil.

HARNESS THE WIND/LE VENT DOMESTIQUÉ. NFB, 1978. NFB, 16 mm. film, 11 mins., j-s, loan or purchase.
The wind is one of the strongest natural forces around us. Because it is generated by temperature differences in air masses, wind power is in fact a form of solar energy. HARNESS THE WIND traces the history of man's attempts to control and utilize wind energy, and projects into the future to visualize the potential of wind-power technology.

Ce film d'animation présente un tour d'horizon détaillé, appuyé de croquis et d'un commentaire simple et précis, sur l'utilisation de l'énergie éolienne à travers l'histoire et dans l'optique écologique actuelle. Relevant l'évolution des techniques de captage du vent à travers les âges, il insiste sur les moyens actuels, le rendement qu'on peut en espérer, et les milieux où il peuvent être le plus utiles, en tant qu'énergie nouvelle dont nous avons un besoin grandissant.

HEAT AND TEMPERATURE. Wm. Claibourne Inc., 1969. N.S. Film Library, 16mm. film, 14 min., j, loan to N.S. teachers only.
Experiments clarify the definition of heat as energy transfer rather than a form of energy and show the role of temperature in measuring heat. Standard units are used to measure heat output of a space heater, cooling capacity of an air conditioner and caloric output of a piece of cake.

JAMES BAY. CBC, 1976. NFB, 16 mm. film, 28 min., s, loan or purchase.
Looks at possible effects of large scale hydro-electric development on the land and people of the area.

Pendant la décennie 70, les hommes ont envahi et assailli la taiga du moyen nord québécois dans le but d'y ériger leurs temples énergétiques. Pour préserver l'environnement, amoindrir les impacts écologiques et les bouleversements humains, la S.E.B.J. y a installé un véritable laboratoire au moyen duquel elle tente de rétablir l'équilibre fragile brisé par son entreprise gigantesque.

THE LORAX. Columbia Broadcasting System, 1974. N.S. Film Library, 16 mm. film, 25 min., e, loan to N.S. teachers only.
Dr. Seuss Series - A. Dr. Seuss film, the wise words of the Once-ler are worth listening to as he spins a fanciful tale with a serious theme: Clean up the environment before it's too late! In this delightful story the student is introduced to "Thneeds" which everyone needs. And the "Lorax"? Just who is he and what does he do?

MAC'S MILL. NFB, 1976. NFB, 16 mm. film, 12 min., j-s, loan or purchase.
Shows operation of a water-powered sawmill built in 1909 in Waweig, N.B. and how it yields a livelihood today.

POWER FROM STEAM. N.B. Electric Power Commission, 16 mm. film, 18 min., j-s, loan by reservation.
Discusses thermal energy, including a discussion of thermal energy production in Ontario.

POWER IN PERPETUITY/UNE FORCE INÉPUISABLE. Churchill Falls (Labrador) Corporation Limited, 1967. NFB, 16 mm. film, 21 min., loan or purchase.
The development of Canada's water resources is often spectacular in its magnitude. This film describes the harnessing of Churchill Falls in the wilds of Labrador, a controlled drop of 75 meters for the eventual output of seven million h.p. of hydro-electricity. Some of the work of construction is shown; diagrams illustrate the conception of the whole scheme.

De l'aménagement des chutes Churchill, dans le Labrador, naîtra la plus puissante centrale hydroélectrique en Occident: plus d'énergie qu'il n'en faut pour alimenter trois métropoles! Les roulottes des ouvriers et des spécialistes s'alignent sur les chantiers et les travaux progressent au pas de course. Pourtant, en 1928, une cinquantaine de Blancs tout au plus s'étaient aventurés dans ces paysages du bout du monde, jusqu'à ces eaux bouillonnantes où les Indiens voyaient le séjour du Grand Manitou.

PRAIRIE GOLD. Courtney Milne. N.S. Film Library or N.B. Audio-Visual Services, 16 mm. film, 30 min., j, loan in province only.
The film focuses on the resources of the province of Saskatchewan. Oil, natural gas, timber, grain, potash, water and hydro power, clay, uranium, gold, copper, sodium sulphate, salt, fish, and the harnessing of the sun and wind, are among these resources. Also stresses the need for conservation, good resource management and alternative energy sources in Canada.

SIXTEEN HANDS. CBC, 1980. N.S. Film Library, video-cassette, 30 min., j-s. Teachers in N.B. and P.E.I. may also obtain copies through their Film Libraries.
The return of the farm horse.

SUN, WIND AND WOOD. NFB. NFB, 16 mm. film, 24:30 min., loan or purchase.
There are people who are fighting the high cost of energy by devising ingenious ways to use sun, wind and wood. This film illustrates the nature of these experiments, one of which is the Ark, a bio-shelter that provides housing, heat, food and electricity for a family using natural systems only.

SUTHERLAND STEAM SAW MILL. CBC, 1980. N.S. Film Library, video-cassette, 30 min., j-s. Teachers in N.B. and P.E.I. may also obtain copies through their Film Libraries.
Wilfred Sutherland, son of the original owner of the first steam saw mill in Nova Scotia, demonstrates the mill near Denmark.

WATER POWER. NFB, 1982. NFB, 16 mm. film, 25 min., loan or purchase.
Presents the case for water power including the history of small-scale hydro in North America, as well as units of various size today. Also documents a micro-hydro unit on a farm from its conception to power production.

WHEN THE WIND BLOWS. NFB, 1977. NFB, 16 mm. film, 27:50 min., j-s, loan or purchase.
The wind is sometimes harsh and sometimes kind. It is a source of destruction, but also an untapped source of energy that has recently become an object of great interest to scientists and energy conservationists. WHEN THE WIND BLOWS probes the complexities of this aspect of nature, examining the mythology of the wind, current knowledge and uses, and the hope for the future based on our growing understanding of its power.

S O L A R / S O L A I R E

ENERGY FROM THE SUN. Encyc. Britannica Films, 1955. N.S. Film Library, 16 mm. film, 8 min., j-s, loan to N.S. teachers only.
Actual photography of the sun's surface, made at the observatory at Climax, Colorado, is a unique contribution to learning about our essential star. The film shows how the sun produces radiant energy, how man adapts it to his needs, and points toward the direct use of solar energy in the near future.

HOW SUNSHINE HELPS US. Coronet Films, 1961. N.S. Film Library, 16 mm. film, 10 min., e, loan to N.S. teachers only.
The film shows how sunshine gives us warmth and light; helps make rain which supplies water to plants and animals; and enables green plants to grow, providing food for us and for useful animals.

NATURE OF LIFE: ENERGY AND LIVING THINGS. Coronet Films, 1970. N.S. Film Library, 16 mm. film, 13 min., j-s, loan to N.S. teachers only.
Nature of Life Series - Explores the concept that life on earth depends on energy from the sun and demonstrates the process of photosynthesis, converting solar energy to energy-containing sugar molecules. Illustrates the importance of ATP and enzyme action.

OUR MR. SUN. American Tel. & Tel. Co., 1956. N.S. Film Library, 16 mm. film, 60 min., j-s, loan to N.S. teachers only.
Bell System Science Series - Courtesy of Maritime Telegraph and Telephone Company Limited. Discusses the sun and its effect upon life on earth.

SOLAR ENERGY: TOWARDS THE SUN. CBC, 1978. NFB, 16 mm. film, 28 min., j-s, loan or purchase.
Shows experiments in Canada and the U.S. tapping solar energy to heat and cool homes and to power industry.

SOLAR FRONTIER, The. NFB/Canadian Filmmakers Distribution Centre, 1978. NFB, 16 mm. film, 25 min., j-s, loan or purchase.
Solar-heated houses for the average-income family living in the snow belt do exist. This film introduces us to the architects who design them, and takes us into the houses they have built. We are shown how design and technology are combined to collect, store and circulate solar heat for the time when it is needed. As much as 70% of the energy required to heat these houses is derived in this manner, demonstrating how an alternate form of energy can work.

THE SUN. ACI Productions, 1970. N.S. Film Library, 16 mm. film, 10 min., e, loan to N.S. teachers only.
The sun is presented as the earth's source of light and heat, as the center of our solar system, and as a great ball of flaming gases. Experiments demonstrate how plants react when deprived of the sun's light and warmth. The ways in which animal life depends on the sun are also stressed. The concept that the sun is vital to life on our earth is visually explored and demonstrated through scientific experiment.

C O N S E R V A T I O N

BLOWHARD. NFB, 1978. NFB, 16 mm. film, 9:33 min., j-s, loan or purchase.
An animated parable that deals with a familiar subject in an amusing way. We join in the business ventures of J.B. Edwards, an Easterner, who went West to create a fuel company called Consolidated Dragons. The Company's profits were sorely affected when the supply of dragons started to dry up. A solution had to be found--and was.

LES CHOIX COLLECTIFS. ONF, 1980. ONF, film 16 mm, 24 min., prêt ou achat.
Notre qualité de vie est-elle directment liée à nos dépenses énergétiques? En plus de répondre à nos besoins, les pays industrialisés offrent l'abondance, la variété et le luxe: 70% de la consommation d'énergie est consacré au chauffage et au transport. Des biens essentiels? Peut-être... mais comment les utilisons-nous? Le film nous montre que l'ère des sacrifices individuels est révolue et que l'imminence des choix collectifs se confirme.

E IS FOR ENERGY. Coronet, 1980. NFB, 16 mm. film, 11 min., e, loan or purchase.
Delightful animation introduces young children to the vital link between energy and ecology. Our narrator, Energy E, shows us solar energy, electrical energy, and nuclear energy, and we find out how each of them is used and produced--but he stresses the need to develop new and renewable sources of energy.

ÉCONOMIES OU ÉCHECS. ONF, 1980. ONF, film 16 mm, 24 min., prêt ou achat.
Réduire la puissance des automobiles et rationaliser leur utilisation, isoler adéquatement les maisons et maximiser l'efficacité des énergies employées par les usines et les entreprises constituent des moyens sûrs pour freiner le gaspillage d'énergie. Le court métrage nous présente quelques projets réalisés au Québec et au Danemark dont les objectifs visaient les économies d'énergie.

ENERGY. Oxford Films, 1975. P.E.I. Media Center, 16 mm. film, 10 min., e-j, loan to P.E.I. teachers.
This film clearly establishes the degree to which our modern lifestyle is dependent upon energy from natural resources. It explores human and animal energy and then investigates more sophisticated and efficient forms of energy that man has harnessed using water, wind, coal, oil and natural gas.
Thought-provoking sequences depict practical uses of energy and introduce the theme of conservation. Scientific efforts for future expansion of nuclear, geothermal and solar energy complete this informative and timely overview of a subject of growing interest.

ENERGY AND THE AUTO. N.S. DEPT. OF MINES & ENERGY. N.S. Dept. of Mines & Energy, 16 mm. film, 14 min., j-s, loan to N.S. teachers only.
General film on energy conscious purchase, operation and maintenance of the private automobile.

ENERGY CAROL, The. NFB and Energy, Mines & Resources Canada, 1975. NFB, 16 mm. film, 10 min., e-j, loan or purchase.
Ebenezer Scrooge has a motto: to waste is to grow. His motto becomes: back to basics. Traces this momentous transformation, and introduces us to the spirits of energy past, present and future.

ENERGY DILEMMA. Churchill Films, 1973. N.S. Film Library, 16 mm. film, 18 min., loan to N.S. teachers only.
Discusses the future of Canada, and the world, in terms of the dissipation of some of our energy resources, notably oil and coal, and the development of some present sources of energy, electricity and others, and potential sources such as thermal, nuclear, solar and tidal.

ENERGY EFFICIENT HOMES - SHOW II ENERGY SAVING HOMES - OWNER. DREE, N.S. Dept. of Mines & Energy and N.S. Housing Commission. N.S. Dept. of Mines & Energy and N.S. Housing Commission, slide/tape, loan to N.S. teachers.
Describes the construction of 3 energy efficient homes in Dartmouth with emphasis on energy saving features. Designed for home buyers or owner.

ENERGY: THE FUELS AND MAN. National Geographic Society. N.S. Film Library, 16 mm. film, 23 min., j, loan to N.S. teachers only.
What is energy? How is it obtained? How has it been used in the past? How is it used today? These are some of the basic questions addressed by this film. A look at a city crippled by a snowstorm reveals a modern urban environment deprived of energy. Looks at renewable fuels, such as wood, non-renewable fuels, in particular the fossil fuels like coal, natural gas and oil.

ENERGY MANAGEMENT FOR THE FUTURE/L'ADMINISTRATION DE L'ÉNERGIE POUR L'AVENIR. NFB/Energy, Mines and Resources, 1976. NFB, 16 mm. film, 24 min., j-s, loan or purchase.
Our society is rapidly depleting its energy bank. This film creates awareness of the seriousness of the situation, what measures the federal government has taken, and how each one of us can help slow down the rapid consumption of non-renewable resources.

Est un film où se mêlent les dessins animés, les scènes humoristiques, la présentation de projets pilotes, tous plus intéressants les uns que les autres. Un film dont le leitmotiv se traduit par: réduction, réutilisation, recyclage. Ces trois "r" protégeront nos serviteurs énergétiques: charbon, pétrole, gaz naturel, et nous garderons de la servitude.

ENERGY SAVING IN THE HOME. Audio-Visual East, 1978. (Loan to N.S. teachers from N.S. Dept. of Mines & Energy), slide/cassette, 45 frames, purchase only.
Illustrates how to use energy efficiently in the home.

HOTTEST SHOW ON EARTH. NFB/Energy, Mines and Resources, 1977. NFB, 16 mm. film, 28 min., e-j-s, loan or purchase.
A side-splitting combo of animation and live action that catapults the potentially mundane subject of home insulation to heights of hilarity. Even the host, Dr. David Suzuki, gets into the improbable act. He proves that, no, "The Energy Crisis" is not a rock group and that there are simple ways to stay warm in winter and save fuel dollars. Topics include: the origins of fossil fuels, how to optimize furnace efficiency, common areas of home heat loss, weather-stripping and insulation. A film to keep you warm and laughing.

THE INSULATION STORY. NFB and N.S. Energy Council, 1977. NFB, 16 mm. film, 24 min., loan or purchase.
Describes how insulation makes for a more comfortable winter showing how much of the work may be done by the homeowner at reasonable cost.

KEEP THE HEAT IN. Audio-Visual East, 1978. N.S. teachers may borrow from N.S. Dept. of Mines & Energy, slide/cassette, 50 frames, purchase only.
Describes insulating materials and techniques and the importance of servicing the home heating system.

LITTLE BLUEBIRD'S VALLEY. Coronet Films, 1971. N.S. Film Library, 16 mm. film, 10 min., e, loan to N.S. teachers only.
Introduces conservation concepts to young viewers in an animated cartoon of a little bluebird and his friends. Sometimes the valley they live in is a dangerous and frightening place when the river floods it. Humans come and build a dam that prevents floods and produces electricity.

LIMITS TO GROWTH. Bruce Raymond Co. Ltd. N.S. Film Library, 16 mm. film, 58 min., s, loan to N.S. teachers only.
A visually and technically engrossing study of the findings of a computer survey on problems facing the world before the end of this century. The world will run out of natural resouces unless the industrially advanced countries limit their growth. The Club of Rome was perturbed by what it saw as a bleak - if not disastrous - future for the human race, and commissioned a report, the results of which define the limits of world growth and chemical and physical resources.

THE NEW BICYCLE. Universal Education, 1972. N.S. Film Library, 16 mm. film, 16 min., i, loan to N.S. teachers only.
Every child wants a new bicycle. Few understand or appreciate what various economic processes occur to produce a new bicycle or any material goods for that matter. Simulates youngsters to "think" about what they or their parents purchase. In this case the entire purchasing process is shown - from computerized ordering in the store to steel mill operation, assembly line and transportation.

ON THE ROAD-ENERGY. Audio-Visual East, 1978. N.S. teachers only may borrow from N.S. Dept. of Mines & Energy, slide/cassette, 40 frames, j-s, purchase only.
Gives suggestions on types of cars to buy, driving habits and car maintenance.

À LA RECHERCHE DE DEMAIN. ONF, 1980. ONF, film 16 mm, 24 min., prêt ou achat.
Par la mobilisation de ressources humaines et financières considérables, les gouvernements investissent dans la recherche pour trouver de nouvelles sources d'énergie et surtout pour optimaliser l'efficacité de celles qu'ils possèdent à savoir: la récupération des résidus pétroliers, l'exploitation des sables bitumineux, la production d'hydrogène, la mise au point de la deuxième génération de centrales nucléaires et des réacteurs à fusion.

RENEWABLE ENERGY PROJECTS FOR FARMS. CBC, 1981. N.S. Film Library, video-cassette, 30 min., j-s. Teachers in N.B. and P.E.I. may also obtain copies through their Film Libraries.
Looks at a number of renewable energy projects on farms with an emphasis on P.E.I. enterprises.

SAVING ENERGY AT HOME. N.B. Electric Power Commission, 16 mm. film, 12 min., j-s, loan to N.S. teachers only.
Features practical methods by which individuals may conserve energy.

SEARCH FOR NEW ENERGY. Allegro Film Production. N.S. Film Library, 16 mm. film, 30 min., s, loan to N.S. teachers only.
Deals with the efforts of scientists and engineers to discover and develop new sources of fuel in order to solve the problems created by the energy crisis. Possible future sources include bitumen, coal gasification, oil shale, recycled trash and offshore drilling, long-range usage and supply. Some of these include the breeder reactor, fusion, solar power systems, windmills, tidal power, atmospheric electricity.

THIS IS AN EMERGENCY. NFB, 1979. NFB, 16 mm. film, 27 min., j-s, loan or purchase.
This film with David Suzuki as commentator examines the social and economic attitudes behind our present energy crisis. We learn about the steps government and business are taking to conserve energy and we gain a great appreciation of the need for society as a whole to reduce consumption.

WASTE NOT: WANT NOT. N.B. Electric Power Commission, 16 mm. film, 18 min., s, loan.
Explores the problems of supplying the ever-increasing energy demands of Canadians. Its major message is the need for conservation to bridge the gap between declining traditional energy sources and alternate energy sources still on the horizon.

WHAT ON EARTH ARE WE DOING? NFB. NFB, 16 mm. film, 11:43 min., loan or purchase.
Canadians are chewing up their resources at an alarming rate, fifty times faster than the people of India, for example. If we calculated our population according to our rate of consumption, we would have a country of 1.1 billion people. Fortunately, more and more of us are becoming aware of the urgent need to build a way of life based not just on "more" but on "better". This film suggests some new things for us to do.

COAL AND PEAT/CHARBON ET TOURBE

CARBONIFEROUS DRILLING PROJECT. N.B. Dept. of Natural Resources.
N.B. Dept. of Natural Resources (Mineral Resources), slide/cassette, 20 min., j-s, loan or duplication at user's cost.
Shows sampling and equipment used, exploring coal and other carbonate material in New Brunswick.

CLEANING UP ... GREENING UP. CBC, 1981. N.S. Film Library, video-cassette, 30 min., j-s. Teachers in N.B. and P.E.I. may also obtain copies through their Film Libraries.
The ecological impact of strip mining and the rehabilitation of the land used.

DIGGERS OF THE DEEP/MINEURS DU CAP BRETON. NFB, 1954.
N.B. Audio-Visual Services, 16 mm film, 13 min., j-s, loan only.
Shows mechanization and Cape Breton coal mines.

THE NEW BRUNSWICK PEAT RESOURCE/LA RESSOURCE DE LA TOURBE. N.B. Dept. of Natural Resources. N.B. Forest Ext. Service Audio-Visual Center, slide/cassette, 48 slides, j-s, loan by reservation or duplication possible at user's cost.
Evaluation of peat bogs of N.B. Shows harvesting and touches on fuel possibilities.

Min. des Ressources naturelles du N.-B., Centre audio-visuel du Service de consultation forestière du N.-B. Diaporama comprenant une bande sonore et 48 diapositives. Prêt sur réservation ou reproduction possible aux frais de l'usager.
Evaluation des tourbières du N.-B. Illustre l'exploitation et aborde les possibilités de la tourbe comme combustible.

12,000 MEN. National Museum of Man, 1978. NFB, 16 mm. film, 34 min., j-s, loan or purchase.
Documents situation of Cape Breton coal miners of 1920s explaining how the extraction and exploitation of one of the largest coal fields in Canada led to a decrease in the number of miners from 12,000 then to 3,000 now.

OIL AND GAS / PÉTROLE ET GAZ

LA CRISE DU PÉTROLE. Radio-Canada, 1979. ONF, film 16 mm, 25 min., prêt ou achat.
Peut-on parler d'une crise du pétrole quand les réserves prouvées se chiffrent à 600 milliards de barils? Le film nous montre qu'il s'agit davantage d'une crise de gestion et que les pays industrialisés, au sommet de leur consommation ne peuvent exiger des pays producteurs qu'ils les approvisionnent à demande. D'une part, l'A.I.E. veille à la sécurité des approvisionnements pour les pays consommateurs; d'autre part, l'OPEP décide du prix et du débit.

DECISION TO DRILL. Esso Standard Oil, 1962. N.S. Film Library, 16 mm. film, 28 min., j-s, loan to N.S. teachers only.
Courtesy of Imperial Oil Limited. Shown is the preliminary work done by the geologist, as well as the testing and analyzing of specimen rock brought out by the geologist and finally, the actual well drilling which often ends in failure.

HARD OIL. NFB, 1980. NFB, 16 mm. film, 28 min., j-s, loan or purchase.
Details early years of oil drilling in Canada, mainly around Petrolia, Ontario, in the 1860's.

THE KURDISTAN ONE YEAR LATER. CBC, 1980. N.S. Film Library, videocassette, 30 min., j-s. Teachers in N.B. and P.E.I. may also obtain copies through their Film Libraries.
Effects on Cape Breton and east coast fisheries, overall environmental impact and what measures have been taken to avoid further such disasters.

MIDEAST: ECONOMIC DEVELOPMENT. Learning Corp. of America. N.S. Film Library, 16 mm. film, 18 min., s, loan to N.S. teachers only.
With the world's largest and most accessible oil holdings, the Mideast plays an important role in world economic affairs. Explores the plans of Mideast nations to build an economic future that will last beyond the days of oil.

OFFSHORE/RESSOURCES SOUS-MARINES. Dept. of Energy, Mines & Resources, 1973. NFB, 16 mm film, 20 min., s, loan or purchase.
Shows marine oil exploration on the Sedco H, a drilling rig off Nova Scotia, including precautions taken against pollution and possible blow-out.

Aperçu des travaux que poursuit une équipe de chercheurs, au large des côtes de l'Atlantique, en vue de découvrir les gisements de pétrole et de gaz naturel qui s'y trouvent. Installée sur une énorme plate-forme, la Sedco H, elle se livre à un sondage d'exploration dont les étapes peuvent être suivies à l'écran par le spectateur moyen, grâce aux images claires du film et à un solide commentaire. La vie à bord de cette installation extrêmement couteuse, les mesures de sécurité au travail, les soins apportés à la préservation de la mer sont également abordés dans ce documentaire.

OFFSHORE DRILLING. Petroleum Resources Communication Foundation. Petroleum Resources Communication Foundation, 16 mm film, 8 min., e-j-s, rental or purchase.
Visits Sedco H offshore drilling platform near Sable Island, its operation and working conditions. Also shows new rig under construction in Halifax and the latest technology in gas and oil exploration for deep water.

OFF-SHORE ENVIRONMENT CONFERENCE. CBC, 1980. N.S. Film Library, videocassette, 30 min., j-s. Teachers in N.B. and P.E.I. may also obtain copies through their Film Libraries.
Shows first such major conference held in Atlantic Canada and looks at effects oil and gas exploration will have for N.S. and Nfld.

OFFSHORE OIL: ARE WE READY? NFB, 1982. NFB, 16 mm. film, 37:02 min., s, loan.
In an attempt to learn from the experiences of others, this film visits communities located in Norway, mainland Scotland and the Shetland Islands to discover how they coped with the oil boom. They were chosen because of the resemblance they bear to communities in the Atlantic provinces. The views of government officials at the municipal and national levels, fishermen, sociologists, trade unionists, sheep farmers, conservationists and private citizens are all expressed.

OIL AND THE OVERLIVE SOCIETY. Holt, Rinehart & Winston, 1973. N.S. Film Library, 16 mm. film, 15 min., j-s, loan to N.S. teachers only.
Do the energy 'wants' of our society exceed its 'needs'? If so, what can be done about regaining a needed balance. The value-system of our western 'overlive' society is examined in the light of industry initiatives to develop supertanker ports along the east coast of the United States and Canada. Presents an overview of the role played by oil, technology, and scientists in the aspect of environmental crisis and presents studies conducted in the Bahamas and the Upper St. Lawrence estuary by scientists.

LE PÉTROLE D'ALGÉRIE. ONF, 1980. ONF, film 16 mm, 24 min., prêt ou achat.
Grâce à son pétrole, l'Algérie est devenue un pays privilégié du tiers monde, mais elle n'en demeure pas moins un pays à bâtir. Pourra-t-elle passer de l'âge agraire à l'âge industriel avant d'avoir épuisé ses réserves pétrolifères et cela grâce aux retombées inespérées provenant des ventes de son brut et en dépit du renchérissement des coûts de la technologie importée des pays consommateurs?

PETROLEUM'S PROGRESS. NFB, 1978. NFB, 16 mm. film, 6 min., j-s, loan or purchase.
History of oil and oil by-products showing the development of modern man's dependence on petroleum products.

LES PRIX DE L'ÉNERGIE. Radio-Canada, 1979. ONF, film 16 mm, 24 min., prêt ou achat.
L'époque du pétrole à bon marché est révolue. À qui la faute? En 1970, le bas prix d'un baril de pétrole rendait impensable l'exploitation des autres formes d'énergie. Aujourd'hui, nous devons envisager les réajustements et les réaménagements nécessaires pour sortir de la crise provoquée par l'avidité des pays consommateurs, et d'autre part par les pays distributeurs qui augmentent les prix pour forcer les premiers à cesser cette surconsommation.

LE RÔLE DE L'ÉTAT. ONF, 1980. ONF, film 16 mm, 24 min., prêt ou achat.
L'interventionnisme dans les domaines de la recherche, du développement, de la gestion, voire de la distribution des richesses naturelles et énergétiques est-il impératif en ce moment de crise? Des représentants de Pétro-Canada et d'une Multinationale opinent sur la nécessité et les conséquences d'une telle politique.

ROUGHNECKS: THE STORY OF OIL DRILLERS/LES MAÎTRES-SONDEURS. NFB, 1960.
NFB, 16 mm film, 21 min., j-s, loan or purchase.
Shows the hard work of an oil drilling crew.

Document sur la recherche du pétrole dans l'Ouest canadien. On y creuse des puits en espérant y découvrir l'or noir. Les chercheurs de pétrole vivent dans l'isolement; leur travail est à la merci des caprices de la nature ou de la malice d'un compétiteur.

LA ROUTE DU PÉTROLE. ONF, 1980. ONF, film 16 mm, 24 min., prêt ou achat.
Chaque année, 22 milliards de barils de pétrole brut voyagent à travers le monde. Le film nous montre où sont situés les principaux gisements pétrolifères, quels en sont les points de distribution les plus importants, et par quels réseaux et quels moyens le pétrole parvient à la pompe à essence de nos stations-service. D'où qu'il provienne, la route est longue et comporte de graves dangers.

SAUDI ARABIA: THE OIL REVOLUTION. Learning Corp. of America. NS Film Library, 16 mm film, 25 min., s, loan to N.S. teachers only.
Probes the internal tension of Saudi Arabia, in transition since the oil boom of the mid 1960's and the reforms of King Faisal.

SEARCH INTO WHITE SPACE/SOUS LES BLANCS ESPACES. Dept. of Indian and Northern Affairs, 1970. NFB, 16 mm film, 16 min., j-s, loan or purchase.
Shows exploration for resources particularly oil and gas, in the Arctic.

Le Grand Nord Canadien possède des richesses sous-terraines dont la prospection seule peut établir la valeur. On va même jusqu'à supposer qu'un océan de pétrole et de gaz se cache sous les hautes îles de l'arctique. Ce film donne un aperçu des travaux qu'accomplissent les chercheurs en cette terre, déserte et glacée, ainsi que des moyens modernes mis à leur disposition pour accomplir leur tâche.

STILL IN ONE PIECE ANYWAY. NFB, 1975. NFB, 16 mm film, 16 min., j-s, loan or purchase.
Shows journey of a tanker through the Canso Strait to the oil refinery at Chedabucto Bay.

TANKERBOMB. NFB, 1978. NFB, 16 mm film, 57 min., s, loan or purchase.
Warning of the danger of 'super oil spills' from super tanker traffic on Canadian coastlines.

WINTER VOYAGE. Imperial Oil Ltd. Imperial Oil, film, 28 min., j-s, loan or purchase.

Shows tanker taken through ice to deliver cargo in Charlottetown and return in gale to Halifax.

N U C L E A R / N U C L É A I R E

DOUGLAS POINT NUCLEAR POWER STATION/LA CENTRALE NUCLÉAIRE DE DOUGLAS POINT. NFB/Atomic Energy of Canada Limited, 1968. NFB, 16 mm. film, 26 min., j-s, loan or purchase.
The success of this first full-scale nuclear power station on the shores of Lake Huron has shown the way for the economic large-scale production of electricity from uranium. This film describes the plant at Douglas Point, Ontario, and the process by which the uranium atom is split, employing heavy water with a special property, deuterium, giving the name CANDU (Canada Deuterium Uranium) to the Canadian system of atomic energy production.

Première grande centrale nucléaire du Canada, la centrale de Douglas Point à quelque deux cents kilomètres de Toronto, apporte la preuve que les centrales nucléaires peuvent produire à bon compte de grandes quantités d'électricité.

DOUGLAS POINT NUCLEAR POWER STATION: DESIGN AND CONSTRUCTION/LA CENTRALE NUCLÉAIRE DE DOUGLAS POINT: ETUDE ET CONSTRUCTION. NFB/Atomic Energy of Canada Limited, 1969. NFB, 16 mm. film, 33 min., j-s, loan or purchase.
A comprehensive treatment of technical and engineering aspects of Canada's first large nuclear electric power plant at Douglas Point, Ontario. The film shows the design, machining and assembly of component parts, and the special properties of the materials that went into the construction, as well as some of the exhaustive tests that were made before the station went "on power".

Première grande centrale nucléaire du Canada, la Centrale de Douglas Point, à quelque 200 kilomètres de Toronto, apporte la preuve que les centrales nucléaires peuvent produire à bon compte de grandes quantités d'électricité. Un film surtout sur l'aspect technique du réacteur nucléaire à Douglas Point.

L'ÉLECTRONUCLÉAIRE: L'ANNÉE DU CHOIX. Radio-Canada, 1977. ONF, film 16 mm, 57 min., prêt ou achat.
L'émission a deux buts: on nous explique d'abord comment on fait de l'électricité à partir de différents types de réacteurs nucléaires, puis on nous présente les tenants de diverses opinions qui semblent s'opposer irrémédiablement. On aborde aussi les phénomènes de contestation sociale spontanée que provoquent le débat et les problèmes d'ordre moral suscités par la vente des réacteurs CANDU à l'étranger.

L'ÉNERGIE NUCLÉAIRE. Radio-Canada, 1980. ONF, film 16 mm, 25 min., prêt ou achat.
Le film nous explique le fonctionnement d'une centrale nucléaire et soulève le problème des déchets radioactifs. La méfiance que nous entretenons à l'égard de cette technologie de pointe justifie-t-elle les moratoires qu'imposent les nombreux pays utilisateurs?

ENERGY FROM THE ATOM. NFB/Atomic Energy of Canada, 1980. NFB, 16 mm. film, 12 min., s, loan or purchase.
Atomic Energy of Canada Ltd. explains the workings of the CANDU reactor and presents its case for efficiency, safety and reliability of the CANDU. The problem of waste storage management is dealt with in the 24-minute NUCLEAR FUEL WASTE RESEARCH film, released as a companion to this film. The two taken together present industry's case in a controversy concerning the safety of nuclear plants. Arguments of environmentalist critics are presented by films like NO ACT OF GOD and A MATTER OF CHOICE.

LA FICTION NUCLÉAIRE. ONF, 1978. ONF, film 16 mm, 87 min., prêt ou achat.
Dans ce Québec peu peuplé, pourtant le champion mondial de l'hydroélectricité, qu'a-t-on besoin de l'énergie nucléaire, dispendieuse et dangereuse? Et quelles sont les raisons de tant d'insistance? S'appuyant sur une table ronde qui met aux prises le pour et le contre, ce film lance une vaste enquête sur les traces du nucléaire à travers le Québec, du Québec à travers le nucléaire. Il pose un regard neuf sur le panorama énergétique, industriel, économique, historique et politique du Québec, cible des convoitises étrangères, et y cerne un grave conflit démocratie/technocratie. Enfin, c'est une oeuvre artistique engagée, qui élargit le débat jusqu'au train fou d'une société à croissance sans fin, axée d'abord sur les profits du Grand Capital...

A MATTER OF CHOICE. NFB/Canadian Filmmakers Distribution Centre, 1977. NFB, 16 mm. film, 28 min., s, loan or purchase. (Quote film no. 106C 0177 074)
Nuclear power is the subject of this film that opens with a tour of the Bruce Nuclear Power Plant located on Lake Huron near Port Elgin. Questions regarding safety, cost and decision-making powers are raised by various people in the area. In view of Ontario Hydro's plans to complete by 1983 the construction of several nuclear plants at a projected cost of $22 million, this film examines a timely and controversial issue.

NO ACT OF GOD. NFB, 1977. NFB, 16 mm. film, 27 min., s, loan or purchase. The world is running low on cheap fossil fuels. To the question "What else is there?" many scientists have answered "nuclear power". But some physicists, as well as energy analysts, government consultants, and even law enforcement agencies, are alarmed by the proliferation of nuclear reactors. This film explains various experts' concerns, among them Dr. Hannes Alfven, Nobel prize winning physicist. He no longer supports nuclear power, and states most determinedly, "No act of God is permitted."

NUCLEAR FUEL WASTE RESEARCH: The Canadian Program. NFB/Atomic Energy of Canada Ltd., 1979. NFB, 16 mm. film, 24 min., j-s, loan or purchase. Atomic Energy of Canada Ltd. sponsored film, produced by Crawley Films Ltd.

The Canadian program for nuclear fuel waste management is explained through interviews with people working inside and outside the nuclear industry and by a visit to the Whiteshell Nuclear Research Establishment where a long-range used-fuel disposal program is being developed.

NUCLEAR POWER. NFB, 1978. NFB, 16mm. film, 28 min., j-s, loan or purchase.

Nuclear power began as a dream of inexhaustible, cheap energy. This study of a most complex technology which has proven expensive and hazardous to the future of the world, includes the views of physicists, chemists, anti-nuclear spokesman Amory Lovings, and the dean of American nuclear physicists, Alvin Weinberg.

ON THE CRITICAL PATH/INDUSTRIE ÉLECTRONUCLÉAIRE. NFB/Atomic Energy of Canada Limited, 1971. NFB, 16 mm. film, 22 min., j-s, loan or purchase. Nuclear power plants are not exactly sold on the same scale as wheat, but that they can be manufactured as an exportable commodity is well illustrated in this film. For those familiar with nuclear power generation, and even for the lay audience, this is a lucid exposition of how a nuclear power plant is put together. The film shows the machining and assembly of principal components, and the "on power" operation of the Canadian plant at Pickering, Ontario.

Centré sur l'une des plus grandes centrales nucléaires du monde - la centrale de Pickering, près de Toronto - ce documentaire montre et explique quelques-unes des méthodes employées pour fabriquer les composants destinés non seulement à Pickering, mais aussi aux autres centrales de la filière CANDU. Ce film peut être d'une grande utilité pour les étudiants et les professeurs en sciences.

ON POWER REFUELING. Atomic Energy of Canada Ltd., 1971. NFB, 16 mm.film, 13 min., s, loan or purchase.
Shows procedures and advantages of the CANDU reactor which is refuelled without shutdowns of the plant. Filmed at Pickering.

POWER FROM THE ATOM/ÉLECTRICITÉ D'ORIGINE NUCLÉAIRE. NFB/Atomic Energy of Canada Limited, 1975. NFB, 16 mm. film, 14 min., j-s, loan or purchase.
Filmed at the Pickering, Ontario, nuclear power plant, showing also the earlier Douglas Point station and Québec's new Gentilly plant, this film offers audiences a clear illustration of how an atomic reactor produces electricity. Special features of the Canadian (CANDU) (Canadian Deuterium Uranium) system are explained: on-power refuelling; the use of natural uranium; the use of heavy water as moderator. CANDU is recognized internationally as a leader in man's search for new sources of energy.

Version abrégée de 'En cet âge nucléaire', ce film nous initie à la filière nucléo-électrique que le Canada a élaborée depuis plus de vingt-cinq ans, grâce à la collaboration de plusieurs organismes intéressés à la chose. Il jette un coup d'oeil sur la centrale nucléaire Pickering, modèle du genre.

THIS NUCLEAR AGE/EN CET ÂGE NUCLÉAIRE. NFB, 1973. NFB, 16 mm. film, 28 min., s, loan or purchase.
Commissioned by NFB for Atomic Energy of Canada Ltd.
Since the first film was made explaining the power of the atom, nuclear technology has made great advances. This film is an up-to-date account of the many areas of nuclear research and recent developments in Canada. It was filmed at the long-functioning atomic reactors at Chalk River and Rolphton, and at the latest and largest atomic power station at Pickering, as well as at laboratories across the land where experimentation is carried out in both pure and applied nuclear science.

Le film emmène le spectateur au coeur de centrales nucléaires de type CANDU qui font l'orgueil de la technologie canadienne. D'une rare complexité, le fonctionnement général de ces centrales nous est présenté de manière simple. Un judicieux commentaire accompagne des images et des dessins d'animation qui nous renseignent sur certains phénomèmes et sur le réseau électronucléaire canadien.

A **TOUR OF POINT LEPREAU.** N.B. Electric Power Commission, slide/tape, 5 min., j-s, loan.
Presents Atlantic Canada's first nuclear generating station which began operation in 1982. Emphasis is on the mechanics of the CANDU reactor.

W O O D / B O I S

THE FUTURE OF OUR FORESTS. P.E.I. Dept. of Agriculture and Forestry, 1981. P.E.I. Dept. of Agriculture and Forestry, video-cassette, 20 min., j-s, loan or duplication at user's cost.
Discusses the direction forestry will be taking on P.E.I. in the next few years with emphasis on the use of the forests for energy production.

HOME HEATING WITH WOOD. Cornell University. N.B. Forest Ext. Service Audio-Visual Center, video-cassette, 23 min., loan by reservation, j-s-a.
General information about heating with woodburning stoves.

SAWDUST BURNING AT COLLEGE ST. LOUIS-MAILLET/L'INSTALLATION DU BRÛLAGE DE LA SCIURE AU COLLÈGE ST. LOUIS-MAILLET. N.B. Energy Secretariat, 1982. Collège St. Louis-Maillet, video-tape, 8 min., j-s, loan only.
Documents a sawdust burning demonstration taking place at Collège St. Louis-Maillet in Edmundston, N.B.

Ruban vidéo en couleur de 8 minutes traitant du brûlage de la sciure au Collège St. Louis-Maillet à Edmundston, Nouveau-Brunswick.

SNOWMOBILE LOGGING/EXPLOITATION FORESTIÈRE A L'AIDE DE LA MOTONEIGE. N.B. Dept. of Natural Resources. N.B. Forest. Ext. Service Audio-Visual Center, slide/cassette, 40 slides, j-s, loan by reservation.
Shows practical method for using a snowmobile and sled to bring wood to roadside.

Min. des Ressources naturelles du N.-B. Centre audio-visuel du Service de consultation forestière du N.-B. Montage visuel et sonore comprenant 40 diapositives. Prêt sur réservation.
Montre des méthodes pratiques de transport du bois jusqu'à la route à l'aide d'une motoneige et d'un traîneau.

TREE POWER. NFB, 1979. NFB, 16 mm film, 27 min., s, loan or purchase.
A film about wood as a supplementary source of energy for home heating. Includes detail on woodlot operations, flue cleaning, costs, etc., and discusses wood-heating with homeowners who use wood.

E L E C T R I C I T Y / É L E C T R I C I T É

LE CHAT AU COURANT. Hydro Québec. N.B. Electric Power Commission, 16 mm film, 13 min., e, loan by reservation.
This award-winning film takes a humorous and thorough look at electrical safety conduct for children. Along with the film's animated characters, Electroc, Electric and Chatchoc, children will discover how to play safely around electricity at home and outdoors. (English version is presently being produced)

Une présentation humoristique et complète de la conduite sécuritaire avec l'électricité pour les jeunes élèves. Avec les personnages animés, Electroc, Electric et Chatchoc, les élèves vont découvrir comment s'amuser en sécurité à la maison et à l'extérieur.

DIVER ON THE BOTTOM. Atlantic Marine & Diving. N.B. Dept. of Education, Audio-Visual Services, 25 min., e-j-s-a, loan in N.B. only.
Other purchase through Fiddlehead Films, app. 16 mm film, 12 min., j-s.
Shows laying the submarine electric cable in the Northumberland Strait --mostly diving and work underwater.

ELECTRICAL SAFETY A TO ZAP. Colvey Productions. Maritime Electric Co. Ltd., 16 mm film, 9 min., e, loan.
Animation concerning electrical hazards in and around the house.

ELECTRICAL SAFETY AROUND THE FARM. Trans Alberta, Manitoba Power and Saskatchewan Power. Maritime Electric Co. Ltd., 16 mm film, 23 min., j-s, loan.
Looks at dangers such as moving large farm equipment close to electrical wires.

ELECTRICITY AND HOW IT IS MADE. Encyc. Britannica Films, 1962. N.S. Film Library, 16 mm film, 18 min., e, loan to N.S. teachers only.
Designed to create a visual awareness of electricity, the film illustrates how it is produced, what it does and how it is used.

ELECTRICITY HANDLE WITH CARE. N.B. Electric Power Commission, 16 mm film, 20 min., j-s, loan by reservation.
This film demonstrates proper usage of electrical cords and appliances and safety precautions to be followed when near power lines. Includes safety measures in the home, yard, and workshop and those pertinent to recreation activities.

ELECTRICITY - WHAT IS IT? N.B. Electric Power Commission, video-cassette, 60 min., e, loan by reservation.
Four 15 min. segments explaining the fundamental concepts of basic electricity, terms, circuits and power.

ELECTRICITY: WIRES IN YOUR HOME. Charles Cahill & Associates, 1965. N.S. Film Library, 16 mm film, 10 min., e, loan to N.S. teachers only.
A behind the walls study of the wires in a home, following the power poles across town to the generator station with an explanation of electricity and how it works.

FUNDAMENTALS OF AC & DC GENERATING. N.B. Electric Power Commission, video-cassette, 20 min., j-s, loan by reservation.
Using animated diagrams and a laboratory setting gives a clear explanation of these two types of current.

HIGH VOLTAGE DIRECT CURRENT. N.B. Electric Power Commission. N.B. Electric Power Commission, 16 mm film, 10 min., j-s, loan by reservation.
Describes world's first commercial high voltage direct current converter station at Eel River, N.B. This facility permits the transfer of electricity between N.B. Power & Hydro Quebec systems. The importance of interconnections in assuring a reliable supply of electricity is emphasized.

L'HYDRO-ÉLECTRICITÉ. Radio-Canada, 1980. ONF, film 16 mm, 25 min., prêt ou achat.
Le film nous présente deux types d'aménagement hydro-électrique prévus pour répondre aux besoins des années 90: le complexe N.B.R. au nord, le projet Archipel au sud. Dans les deux cas, S.E.B.J. et Hydro-Québec doivent composer avec les populations préoccupées par la préservation de l'environnement, les impacts écologiques et les bouleversements humains qu'entraînent de telles réalisations.

LIVE WIRE. B.C. Hydro. Maritime Electric Co. Ltd., 16 mm film, 17 min., j-s, loan.
Discusses the dos and don'ts of electrical safety.

MACTAQUAC. N.B. Electric Power Commission. N.B. Electric Power Commission, 16 mm. film, 28 min., gen., loan by reservation.
Traces evolution of Mactaquac Generating Station from conception to completion.

Ce film suit l'évolution de Mactaquac de ses débuts jusqu'à son achèvement.

LE MARCHÉ DE L'ÉNERGIE. ONF, 1980. ONF, film 16 mm, 25 min., prêt ou achat.
Qui consomme l'énergie, quand et comment? L'exploitation du réseau électrique est basé sur le besoin maximal de notre consommation quotidienne et saisonnière. L'impossibilité d'emmagasiner l'énergie électrique nous oblige à la perdre ou la vendre. Ce marché, très lucratif pour le Québec, s'avère une monnaie d'échange lui permettant de s'approvisionner en d'autres formes d'énergie.

PLAY IT SAFE ELECTRICALLY. N.B. Electric Power Commission. 16 mm. film, 13 min., e, loan by reservation.
Children are shown how to identify and avoid common electrical hazards while at play. Covers kites, climbing, shooting insulators, fallen wires, wet-area hazards, and electrical storms.

POWER FOR NEW BRUNSWICK/L'ÉNERGIE AU NOUVEAU-BRUNSWICK. N.B. Electric Power Commission, N.B. Electric Power Commission, 16 mm. film, 16 min., gen., loan by reservation.
Highlights power generating stations in various parts of N.B. explaining basic concepts of electricity production both conventional and nuclear.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.) Film 16 mm, 16 min., gen., prêt sur réservation.
Porte principalement sur les centrales électriques dans diverses parties du Nouveau-Brunswick et explique les principes de base de la production d'électricité selon les moyens traditionnels et nucléaires.

PRINCIPLES OF ELECTRICITY. N.B. Electric Power Commission, video/cassette, 20 min., j-s, loan by reservation.
A discussion of electricity from static electricity to full power production.

SAFETY WITH ELECTRICITY. Encyc. Britannica Films, 1962. N.S. Film Library, 16 mm. film, 20 min., e, loan to N.S. teachers only.
Simple experiments demonstrate how electricity is conducted. Electricity is seen as a friend and children are cautioned not to make it a dangerous enemy.

THE STORY OF ELECTRICITY: THE GREEKS TO FRANKLIN. Coronet Films, 1968. N.S. Film Library, 16 mm. film, 14 min., j, loan to N.S. teachers only. Re-enactments of key advances in man's knowledge of electricity are told in the actual words of the discoverers, from the early Greek's electron, or amber, to Benjamin Franklin's single-fluid theory. The ideas, methods and inventions of William Gilbert, Stephen Gray, Francis Musschenbroek and finally Franklin are illustrated in this first chapter of the story of electricity.

SOLAR & WIND/ÉNERGIE SOLAIRE ET ÉOLIENNE

SOLAR HOT WATER/CHAUFFAGE SOLAIRE DE L'EAU. Institute of Man & Resources, 1981. Energy, Mines & Resources Canada, 13 pp., j-s.
Discusses how solar systems work in heating hot water for home use.

Institute of Man and Resources. 1981. Énergie, Mines et Ressources Canada, 13 pp.
Explique le fonctionnement des installations solaires pour le chauffage de l'eau chaude domestique.

THE SUN BOOK. N.S. Dept. of Mines & Energy. N.S. Dept. of Mines & Energy, pp. 57, s, $3.50 per copy for out-of-province requests.
Information on the sun as an energy source, particularly for residential applications.

WIND ENERGY/L'ÉNERGIE ÉOLIENNE. Energy, Mines & Resources Canada & National Research Council of Canada, 1981. Energy, Mines & Resources Canada, 20 pp., sec.
Information on the history of wind power, and various uses to the present.

Énergie, Mines et Ressources Canada et le Conseil national de la recherche du Canada. 1981. Énergie, Mines et Ressources Canada, 20 pp., sec.
Historique de l'énergie éolienne et diverses utilisations jusqu'à aujourd'hui.

WIND POWER. N.S. Dept. of Mines & Energy. N.S. Dept. of Mines & Energy, pp. 52, s, $2.50 per copy for out-of-province requests.
Information on the wind as an energy source particularly for residential applications.

CONSERVATION

THE AUTO PAK. N.S. Dept. of Mines & Energy, j-s.
A package of three publications (Car Economy Book, Car Mileage Tips, and Fuel Consumption Guide) to help the motorist select, operate, and maintain a vehicle. Also included is a Fuel Economy Calculator and Log for recording the vehicle's fuel consumption.

CALORIES: MAKING EVERY ONE COUNT. N.S. Dept. Mines & Energy & Regional Economic Expansion Canada, 1982. N.S. Government Bookstore, 40 pp., j-s. $4.50 for out of province requests.
Designed to help incorporate energy conservation information in classes such as home economics and consumer education. It looks at how energy is used in the home and how choices may be made which conserve energy in indirect as well as direct ways.

CONSUMER GUIDE TO ENERGY $OMETHING WORTH SAVING. N.S. Dept. of Mines & Energy, 1981. N.S. Dept. of Mines & Energy, pp. 29, e-j-s, no charge in Nova Scotia.
Information on saving energy around the house, including housing design, home heating, lighting, kitchen and laundry appliances and transportation.

ELECTRIC HEATING/CHAUFFAGE ÉLECTRIQUE. N.B. Electric Power Commission. N.B. Electric Power Commision, s.
Package of materials on electric heating.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.)
Documentation sur le chauffage électrique.

ELECTRICITY: GETTING YOUR WATT'S WORTH/COMMENT L'UTILISER À SA PLEINE VALEUR. N.B. Electric Power Commission. N.B. Electric Power Commission, 20 pp. each of French and English, j-s.
100 tips on how to save energy in the home.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.) 20 pp. de texte en français et en anglais, sec.
100 trucs pour économiser l'énergie dans la maison.

ENERGY EFFICIENT/RENEWABLE ENERGY HOUSING DESIGNS/ARCHITECTURE DOMICILIAIRE AXÉE SUR LE RENDEMENT ÉNERGÉTIQUE ET L'UTILISATION DE SOURCES D'ÉNERGIE RENOUVELABLES. Northeast International Committee on Energy, 1980. N.S. Dept. of Mines & Energy, pp. 42, $2.00 per copy.
Shows 9 award winning designs for energy efficient/renewable energy houses & retrofit concepts.

Le Comité international du Nord-Est sur l'énergie, 1980. N.S. Dept. of Mines & Energy, pp. 42, $2 l'exemplaire.
Montre 9 dessins gagnants dans le cadre d'un concours d'architecture portant sur la construction et le rattrapage de maisons axée sur le rendement énergétique et l'utilisation de sources d'énergie renouvelables.

ENERGY MANAGEMENT FOR THE FUTURE. Energy, Mines & Resources Canada, 1979. Energy Mines & Resources Canada, e-j-s.
Source book of ideas and activities for energy conservation learning programs includes a snakes & ladders-type energy game and most items are information to follow-up elsewhere.

THE FACTS ABOUT CAR MILEAGE. N.S. Dept. of Mines and Energy, j-s.
A folder of hints to help drivers drive as efficiently as possible.

THE FACTS ABOUT HOT WATER. N.S. Dept. of Mines and Energy, j-s.
A folder of hints to help consumers use only the hot water that they really need.

THE FACTS ABOUT PORTABLE HEATERS. N.S. Dept. of Mines and Energy, s.
A folder of information concerning kerosene, quartz and conventional portable electric heaters to help consumers decide if a portable heater is right for them and if so, what kind.

GREAT CANADIAN ENERGY QUIZ. Petroleum Resources Communication Foundation. Petroleum Resource Communication Foundation, folder, j-s, free.
Twelve question multiple choice quiz on energy topics with explanation for the sometimes surprising answers.

HOUSEHOLD ELECTRICAL APPLIANCES/APPAREILS ELECTROMÉNAGERS. N.B. Electric Power Commission. N.B. Electric Power Commission, s.
Fact sheet.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.)
Documentation.

HUMIDITY AND VENTILATION/HUMIDITÉ ET VENTILATION. Manitoba Hydro. N.B. Electric Power Commission, 24 pp, j-s.
Discusses the efficient use of electricity by taking a closer look at humidity and ventilation in a house.

Manitoba Hydro. Commission d'énergie électrique du N.-B., 24 pp., sec.
Explique l'utilisation efficace de l'électricité en jetant un coup d'oeil sur l'humidité et la ventilation dans la maison.

PRODUCTS WITH A FUTURE CATALOGUE. Energy Alternatives Ltd., 1982. Energy Alternatives Ltd., 31 pp., e-j-s, $1.00.
Catalogue with illustrations of goods using alternate energy and also related materials, such as, wood stoves, oil lamps, and hand operated appliances, ice-cream freezers and waffle irons, etc.

SAVE ENERGY AND GIVE YOURSELF A RAISE. N.S. Dept. of Mines & Energy, s-a.
Furnace servicing booklet.

THE WISE WAY OF USING HOT WATER IN THE HOME/LA BONNE FAÇON D'UTILISER L'EAU CHAUDE À LA MAISON. N.B. Electric Power Commission. N.B. Electric Power Commission, 12 pp., s.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.), 12 pp.

C O A L / C H A R B O N

GEOLOGY MINERALS AND MINING IN NOVA SCOTIA. Nova Scotia Dept. of Energy, 1976. N.S. Dept. of Mines & Energy, 21 pp., s.
Account of mining and geology in Nova Scotia.

A HISTORY OF COAL MINING IN NOVA SCOTIA. Nova Scotia Dept. of Mines, 1978. N.S. Dept. of Mines & Energy, 42 pp., j-s.
Background of coal and coal mining in Nova Scotia including such things as definitions and history.

N.B. COAL IN COMEBACK POSITION. Atlantic Advocate, 1980. N.B. Power, 4 pp., s, free in N.B.

OIL & GAS/ PÉTROLE ET GAZ

ENERGY...A PLAN FOR NOVA SCOTIA. N.S. Dept. of Mines & Energy, 1979. N.S. Dept. of Mines & Energy, s, $5.00.
Explains in detail the Nova Scotia government's long-range plan to alleviate the province's dependence on unreliable and costly supplies of imported oil.

ENERGY...A PLAN FOR NOVA SCOTIA EXECUTIVE SUMMARY. N.S. Dept. Mines & Energy, 1979. N.S. Dept. Mines & Energy, s.
The executive summary of the Energy Planning Organization.

OIL AND GAS EXPLORATION IN NOVA SCOTIA 1981-82. N.S. Dept. of Mines & Energy, 1981-82. N.S. Dept. of Mines & Energy, s, $2.00.

N U C L E A R / N U C L É A I R E

ENVIRONMENTAL ASPECTS OF THE POINT LEPREAU GENERATING STATION/FACTEURS DE L'ENVIRONNEMENT: CENTRALE DE POINTE-LEPREAU. N.B. Electric Power Commission. N.B. Electric Power Commission, booklet 14 pp., j-s, free on request.
Summaries of anticipated environmental effects on Pt. Lepreau Nuclear Power plant from point of view of the Power Commission.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.), 14 pp., sec. Gratuit sur demande.
Explication sommaire des effets pronostiqués de la centrale nucléaire de Pointe-Lepreau sur l'environnement du point de vue d'Énergie N.-B.

METRO DMYTRIW ARTICLES. N.B. Electric Power Commission, 2 pp. each, j-s.
Reprints of articles: "Earthquakes and the Lepreau Nuclear Station", "Nuclear Plants Release a Fraction of Radiation in the Environment", "Radiaton Danger Depends on Exposure", "Canadian Power Reactor Safety", "Managing Nuclear Wastes", "Plutonium - What Is It?"

NUCLEAR ENERGY IN CANADA: THE CANDU SYSTEM/L'ÉNERGIE NUCLÉAIRE AU CANADA: LE SYSTÈME CANDU. Atomic Energy of Canada Ltd., 9 pp., s.

Énergie atomique du Canada Limitée, 9 pp.

NUCLEAR POWER: THE ECONOMIC ALTERNATIVE. N.B. Electric Power Commission.
N.B. Electric Power Commission, fact sheet, s.
Fact sheet on nuclear power & economies of energy.

POWER FROM THE ATOM/L'ÉNERGIE DE L'ATOME. Pt. Lepreau Generating Station.
N.B. Electric Power Commission, 11 pp., s.
Describes Pt. Lepreau generating station and CANDU nuclear reactor.

Centrale électrique de Pointe-Lepreau. Commission d'énergie électrique du N.-B., 11 pp.
Décrit la centrale nucléaire de Pointe-Lepreau et le réacteur nucléaire CANDU.

WOOD / BOIS

HEATING WITH WOOD SAFELY/LE CHAUFFAGE AU BOIS EN TOUTE SÉCURITÉ. Canada Mortgage & Housing Corp., 1978. Canada Mortgage & Housing Corp., 30 pp. each English and French, s.
Information on selecting, installing, operating and maintaining wood burning space heaters and furnaces safely and effectively. Also some material on fireplaces.

Société canadienne d'hypothèque et de logement. 1978. La SCHL, 30 pp. de texte en français et en anglais, sec, 2e cycle.
Information sur le choix, l'installation, le fonctionnement et l'entretien d'un poêle ou d'une fournaise pour le maximum de rendement et de sécurité. Egalement, des renseignements sur les foyers.

THE WOOD BOOK. N.S. Dept. Mines & Energy. N.S. Dept. Mines & Energy, s, $1.50 out of province requests.
Information to help consumers choose, install and operate wood burning equipment in an economical, safe and effective manner.

ELECTRICITY/ÉLECTRICITÉ

AQUACULTURE AT THE GRAND LAKE GENERATING STATION/DE L'AQUACULTURE À LA STATION DU GRAND LAC. N.B. Electric. N.B. Electric Power Commission, 7 pp., j-s, free in N.B.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.), 7 pp. Gratuit au Nouveau-Brunswick.

CAREERS WITH N.B. POWER/CARRIÈRES AU SEIN D'ÉNERGIE N.-B. N.B. Electric Power Commission, folder, s.
Information on careers with the electric utility.

Commission d'énergie électrique du N.-B. Dépliant.
Renseignements sur les carrières au sein d'Énergie N.-B.

COLESON COVE. N.B. Electric Power Commission. N.B. Electric Power Commission, 15 pp., j-s, free in N.B.
General information on Coleson Cove generating Station.

DALHOUSIE GENERATING STATION. N.B. Electric Power Commission. N.B. Electric Power Commission, 6 pp., s, free in N.B.

DALHOUSIE. N.B. Electric Power Commission. N.B. Electric Power, 4 pp., s, free in N.B.
General information on Dalhousie's generating station.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.), 4 pp. Gratuit au Nouveau-Brunswick.
Information générale sur la centrale électrique de Dalhousie.

DALHOUSIE #2 ASH HANDLING SYSTEM. N.B. Electric Power Commission. N.B. Electric Power Commission, 4 pp., s, free in N.B.,

DALHOUSIE #2 GENERATING STATION. N.B. Electric Power Commission. N.B. Electric Power Commission, s, free in N.B.
Fact sheet.

ELECTRICAL SAFETY IS FOR EVERYONE/LA SECURITÉ ÉLECTRIQUE. C'EST L'AFFAIRE DE TOUT LE MONDE. N.B. Electric Power Commission. N.B. Electric Power Commission, folder, e-j-s.
Basics on living safely with electricity.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.). Dépliant.
Renseignements de base sur la sécurité de l'usage de l'électricité.

ELECTRICAL SAFETY FROM A TO ZAP. Culver Productions. Maritime Electric Co. Ltd. and New Brunswick Electric Power Commission, e-j-s.
A comic book presentation of the do's and don'ts of electrical safety.

ENERGY CRISIS. National Safety Council. N.S. Power Corporation, folder, j-s.
Information on electrical safety in the home.

ENVIRONMENTAL PROTECTION SYSTEMS AT DALHOUSIE #2 GENERATING STATION/ SYSTÈMES DE PROTECTION DE L'ENVIRONNEMENT À DALHOUSIE II. PROTECTION DE LA QUALITÉ DE L'AIR À DALHOUSIE. N.B. Electric Power Commission. N.B. Electric Power Commission, 5 pp., s, free in N.B.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.), 5 pp. Gratuit au Nouveau-Brunswick.

FACING THE ENERGY FUTURE/FACE À L'AVENIR ÉNERGÉTIQUE. N.B. Electric Power Commission, 19 pp., s.
Discusses the future possibilities of energy production in New Brunswick, touching on hydro, nuclear, fossil fuel and alternate energy sources.

Commission d'énergie électrique du N.-B., 19 pp., sec. 2e cycle.
Discute les divers modes de production d'énergie au Nouveau-Brunswick dans l'avenir: l'hydro-électricité, le nucléaire, les combustibles fossiles et les autres sources d'énergie.

HEY KIDS LET'S PLAY SAFELY. N.B. Electric Power Commission. N.B. Electric Power Commisison, folder, e-j.
Information on electrical safety in a format for children. Free to N.B.

HOW YOUR ELECTRIC UTILITY OPERATES/COMMENT FONCTIONNE VOTRE RÉSEAU ÉLECTRIQUE. N.B. Electric Power Commission. N.B. Electric Power Commission, free in N.B., j-s.
Fact sheet on how electric utility operates.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.). Gratuit au Nouveau-Brunswick.
Feuillet de documentation sur le fonctionnement d'un service d'électricité.

KNOW HOW TO READ YOUR ELECTRIC METER/APPRENEZ COMMENT RELEVER VOTRE COMPTEUR D'ÉLECTRICITÉ. N.B. Electric Power Commission, folder, j-s.
Brief explanation of how to read electric meters.

Commission d'énergie électrique du N.-B., dépliant, sec.
Brève explication de la lecture des compteurs d'électricité.

LIVING SAFELY WITH ELECTRICITY/VIVRE SANS DANGER AVEC L'ÉLECTRICITÉ. N.B. Electric Power Commission and N.S. Power Corporation, 16 pp., e-j.
Comic book on electrical safety.

Commissions d'énergie électrique du N.-B. et de la N.-E., 16 pp., él.-sec. 1er cycle.
Bande dessinée sur l'utilisation prudente de l'électricité.

MACTAQUAC. N.B. Electric Power Commission. N.B. Electric Power Commission, 4 pp., j-s, free in N.B.
General information on Mactaquac generating station.

N.B. POWER 60 YEARS OF SERVICE. N.B. Electric Power Commission. N.B. Electric Power Commission, 4 pp., j-s, free in N.B.
History of N.B. Power.

SHEDIAC. N.B. Electric Power Commission. N.B. Electric Power Commission, j-s, free in N.B.
Fact sheet on N.B. Power's Shediac District office demonstration project.

Commission d'énergie électrique du N.-B. (C.E.E.N.B.).
Feuillet d'information sur le projet de démonstration du bureau de district de Shédiac de la C.E.E.N.B.

SPEAKERS / CONFÉRENCIERS

NEW BRUNSWICK / NOUVEAU-BRUNSWICK

- heating with wood
  Fredericton & area
  Dept. of Forest Engineering C.A. Short
  Bag Service #44555
  Fredericton, N.B. E3B 6C2

- water power
  Sussex & area - limited availability
  Paul Cunningham
  Box 1557
  Sussex, N.B. E0E 1P0

- conservation general & housing, renewable energy technology
  within 45 mi. of Fredericton
  Nashwaak Consulting - Jeff Solway
  445 George Street
  Fredericton, N.B. E3B 1J8

- conservation, soft energy paths
  gives tours of Conserver House - Fredericton
  Conserver House - Dana Silk
  180 St. John Street
  Fredericton, N.B. E3B 4A9

- Speakers, available to schools on topics such as nuclear power, tidal power, fossil-fuel generation, solar heating, wind generation, energy conservation, electrical safety, and system planning. Also tours of generating stations at Birchwood, Mactaquac, Courtenay Bay, Coleson Cove, and Lepreau.
  Requests should be made at least 4 weeks in advance to N.B. Electric Power Commission, Box 2000, Fredericton, N.B. E3B 4X1

- woodheat, greenhouses/solariums, solar heat
  Oromocto area
  doesn't want landslide of mail out requests
  Enersave Systems Ltd. - David Libby
  Box 187, Restigouche Road
  Oromocto, N.B. E2V 2G5

NOTE: It is suggested that you enquire about fees upon initial contact with any person listed above.

SPEAKERS / CONFÉRENCIERS

NOVA SCOTIA / NOUVELLE-ÉCOSSE

- solar energy fundamentals, passive solar greenhouses and homes, energy efficient housing, conservation in the home, insulated windows - theory & design, advertising and energy consumption - appropriate technology.
  mainland N.S.
  Overview Educational Resource Centre
  Richard Paradis & Terry Watters & Michael Hope-Simpson
  P.O. Box 486
  Wolfville, N.S. B0P 1X0

- energy conservation in the home, passive solar heat in homes, efficient wood heat, wood energy resources of Maritimes, total energy use in N.S. & sources of supply including tidal Annapolis Valley area only
  Larry D. Bogan
  RR2 Cambridge Station
  N.S. B0P 1G0

- emphasis on Nova Scotia's conservation & related topics
  N.S. - any grade level - usually do several presentations in one school in a day, reserve for in advance
  Energy Education Program
  Clive Sweeney and Jamie Chipman
  N.S. Dept. of Mines & Energy
  Box 668
  Halifax, N.S. B3J 2T3

- generation of electricity, electrical safety, conservation
  N.S.
  Corp. Relations Dept.
  Nova Scotia Power Corp.
  Box 910
  18th Floor, Barrington Tower
  Halifax, N.S. B3J 2W5

- alternate energy sources and uses
  Cape Breton Alternate Energy Society

Chris Rodman	Mark Haynes
Antigonish	P.O. Box 195
N.S.	Guysborough, N.S.
	B0H 1N0

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SPEAKERS / CONFÉRENCIERS

NOVA SCOTIA / NOUVELLE-ÉCOSSE

- building solar greenhouse - experimenting with biomass heating using decomposing seaweed - solar/wood home heat
  R.J. Iulicci
  Bear Cove RR1
  Brooklyn, N.S. B0J 1H0

- wood energy, solar & windpower
  Amherst - Sackville area
  Energy Alternatives - Susan Hayward
  2 Croft Street
  Amherst, N.S. B4H 2Z4

- how to build and insulate home for energy efficiency
  Waverly N.S. area
  Advance notice needed.
  Cedar Country Homes Ltd. - Bruce Richards
  Box 248, Waverly, N.S. B0N 2S0

- solar energy, energy efficient house construction, energy alternatives
  Kings Co., N.S., time restriction - is teacher
  Win Naugler
  RR1 Port Williams
  Kings Co., N.S. B0P 1T0

- energy use & conservation - various topics & speakers
  Association of Professional Engineers of Nova Scotia
  Frank MacDonald (Registrar)
  P.O. Box 129
  1888 Brunswick St.
  Halifax, N.S. B3J 2M4

- Solar Nova Scotia
  Joanne Lamey and John Young
  P.O. Box 211
  Halifax, N.S. B3J 4M7

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S P E A K E R S / C O N F É R E N C I E R S

P R I N C E E D W A R D I S L A N D / Î L E - D U - P R I N C E - É D O U A R D

- forestry/wood
  West Prince Co., P.E.I. only
  West Prince Forestry Inc. - John Lane or Mike Ross
  Coleman RR3
  West Devon, P.E.I. C0B 1H0

- electrical safety, electricity generation, electrical transmission and supply & demand.
  Public Relations
  Maritime Electric Co. Ltd. - Wendell Brown
  Box 1328
  Charlottetown, P.E.I. C1A 7N2

- forestry/wood
  Dept. of Energy & Forestry
  Forestry Branch - Paul McKnight
  P.O. Box 2000
  Charlottetown, P.E.I. C1A 7N8

- wood/biomass
  P.E.I. Energy Corporation - Arthur Hiscock
  John TeRaa
  P.O. Box 2000
  Charlottetown, P.E.I. C1A 7N8

- Energy Conservation - residential retrofit, insulation, appliances, etc.
  Dept. of Energy & Forestry
  Laura Mair or Patrick Mooney
  P.O. Box 2000
  Charlottetown, P.E.I. C1A 7N8

- Energy Management - analysis of heat loss, lighting systems, energy audits, etc.
  Enersave for Industry - Copthorne MacDonald
  P.O. Box 2000
  Charlottetown, P.E.I. C1A 7N8

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ABBREVIATIONS / ABRÉVIATIONS

a - adult level

CBC - Canadian Broadcasting Corporation

e - elementary level

él - élementaire

i - intermediate level

j - junior high level

NFB - National Film Board

ONF - Office national du film

s - senior high level

sec - secondaire

sec 1^{e} cycle - secondaire 1^{e} cycle

sec 2^{e} cycle - secondaire 2^{e} cycle

SOURCES OF INFORMATION / SOURCES DE RENSEIGNEMENTS

Audio-Visual East
2745 Dutch Village Road
Halifax, Nova Scotia
B3L 4G7

Audio-visual Services Dept. Education
Box 6000
Fredericton, New Brunswick
E3B 5H1

Conserver House
180 Saint John Street
Fredericton, New Brunswick
E3B 4A9

Ecology Action Centre
Forrest Building
Dalhousie University
Halifax, Nova Scotia
B3H 3J5

Education Media Services Film Library
5250 Spring Garden Road
Halifax, Nova Scotia
B3J 1E8

Energy Alternatives Ltd.
2 Croft Street
Amherst, Nova Scotia
B4H 2Z4

Energy, Mines & Resources Canada
Communications Branch
580 Booth Street
Ottawa, Ontario
K1A 0E4

Regional Office
5151 George Street
Halifax, Nova Scotia
B3J 1M5

Enersave
Box 2000
Charlottetown, P.E.I.
C1A 7N8

Imperial Oil Co. Ltd.
Film Library Services
196 Joseph Latimon Drive
Burnside Industrial Park
Dartmouth, Nova Scotia
B3B 1N4

Media Centre
202 Richmond Street
Charlottetown, P.E.I.
C1A 1J2

National Film Board
1572 Barrington Street
Halifax, Nova Scotia
B3J 1Z6

National Film Board
Prince Street
Sydney Shopping Center
Sydney, Nova Scotia
B1P 5K8

National Film Board
1 Market Square
Saint John, New Brunswick
E2L 1E7

National Film Board
Terminal Plaza Building
1222 Main Street
Moncton, New Brunswick
E1C 1H6

National Film Board
202 Richmond Street
Charlottetown, P.E.I.
C1A 1J2

New Brunswick Dept. of Natural Resources
Forest Extension Service
Fredericton RR5, New Brunswick
E3B 4X6

New Brunswick Electric Power Commission
Director of Information Services
527 King Street
Box 2000
Fredericton, New Brunswick
E3B 4X1

New Brunswick Energy Secretariat
124 Saint John Street
Box 6000
Fredericton, New Brunswick
E3B 5H1

Northeast International Committee on Energy
Box 2044
Halifax, Nova Scotia
B3J 2Z1

Nova Scotia Dept. of Mines & Energy
P.O. Box 668
Halifax, Nova Scotia
B3J 2T3

Nova Scotia Power Corporation
P.O. Box 910
18th Floor, Barrington Tower
Halifax, Nova Scotia
B3J 2W5

Petroleum Resources Communication Foundation
105, 309-2nd Avenue S.W.
Calgary, Alberta
T2P 0C5

Box 6746 Station D
Calgary, Alberta
T2P 2E6